

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
28 July 2005 (28.07.2005)

PCT

(10) International Publication Number
WO 2005/069511 A1

(51) International Patent Classification⁷: H04B 7/155 (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/KR2005/000143

(22) International Filing Date: 14 January 2005 (14.01.2005)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data: 10-2004-0002986 15 January 2004 (15.01.2004) KR

(71) Applicant (for all designated States except US): UT-Starcom Korea Limited [KR/KR]; San 136-1, Ami-ri, Bubal-eub Icheon-si, Kyongki-do, 467-701 (KR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LEE, Jun Ho [KR/KR]; San 136-1, Ami-ri, Bubal-eub Icheon-si, Gyeonggi-do, 467-860 (KR).

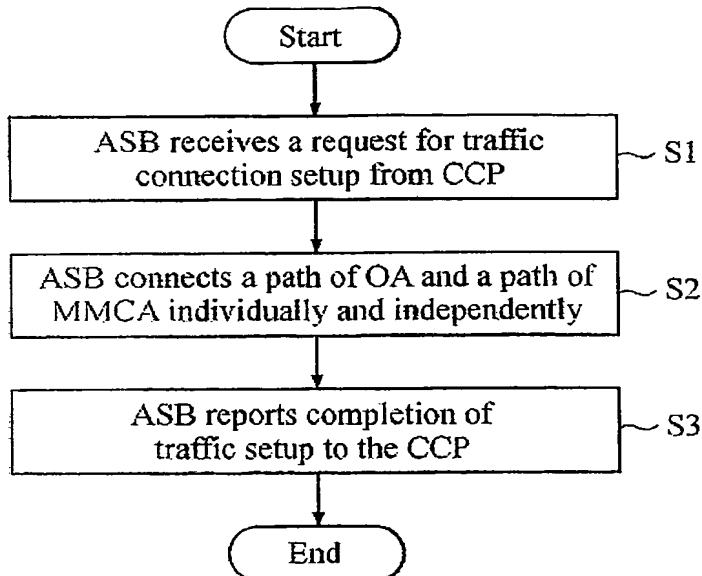
(74) Agent: YOON, Jee Hong; Hannuri Bldg. 219 Naejang-dong, Chongno-gu, Seoul, 110-053 (KR).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR CALL TRAFFIC MANAGEMENT IN ASB OF CDMA 1X SYSTEM



WO 2005/069511 A1

(57) Abstract: The present invention relates to a method for processing call traffic in an ATM Switch Block (ASB) in a CDMA 1x system. The CDMA 1x system comprises a Base Transceiver System (BTS), which comprises an OA, a High-speed Transfer and Selector Block (HTSB), an ATM Switch Block (ASB), an ATM Traffic Block (ATB) and a MMCA, and a Base Transceiver System (BTS), which is coupled to a Call Control Processor (CCP). When a request for call setup is transferred from the BTS to the CCP, a traffic path between the OA and the MMCA is set up through performing the claimed method. The present invention removes unnecessary traffic paths so as to utilize system resources efficiently while optimizing system performance.